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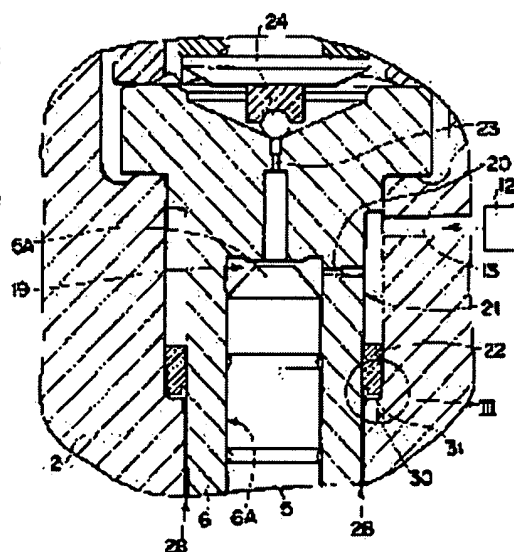
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## (54) SEAL STRUCTURE OF FUEL INJECTION VALVE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a seal structure of a fuel injection valve manufacturable at a low cost, not requiring excessive component accuracy, improving a sealing function in a pressure lead-in chamber 21 of the fuel injection valve, improving durability and a service life of the fuel injection valve and a seal member 22, and stabilizing the sealing function.

SOLUTION: In this seal structure of the fuel injection valve, a support ring 31 is provided on a downward side (a low-pressure side) of the seal member 22. The seal member 22 is provided in the high-pressure pressure lead-in chamber 21 between an injector housing 2 and a valve body 6 slidably inserted with a valve piston 5 to seal a portion between the pressure lead-in chamber 21 and the low-pressure side (a gap 28). The support ring 31 is provided on the low-pressure side 28 of the seal member 22.



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